

# **HOUSEHOLD SECTIONAL OVEN AND WARMER COOKING APPARATUS**

## **FIELD OF THE INVENTION**

The present invention relates to a cooking apparatus, more  
5 particularly to a household sectional oven and warmer cooking  
apparatus. The present invention aims at the traditional way  
of cooking hotdogs by putting the hotdog meat in a bun. The  
traditional way generally has the problems of requiring several  
cooking apparatuses to cook or warm the hotdog and the bun,  
10 and keeping these warm at the same time. To overcome such  
shortcomings, the present invention discloses a cooking  
apparatus comprising an electric heating device therein for  
controlling the heating temperature and time of an oven by a  
switch control, an opening disposed at the top of the oven, a  
15 meat grilling pan having a larger depth and mounted around  
the periphery of the opening, a hotdog broiler disposed above  
the meat grilling pan and comprising a plurality of parallel  
cylinders at an appropriate distance apart from each other, a  
bread tray with a smaller depth disposed above the hotdog  
20 broiler and having a plurality of through holes disposed at the  
bottom of the bread tray, and a lid for covering the whole oven  
and warmer apparatus and keeping it warm. With a quick,  
convenient, and flexible installation of a meat grilling pan, a  
hotdog broiler, and a bread tray onto the oven, the electric  
25 heating device and each cooking food item are kept in an

appropriate distance with partitions to avoid the food from being burned and achieve the purpose of heating and warming the food appropriately. The overall structure is simple, low-cost, and easy-to-clean, which constitutes an economic  
5 convenient household cooking apparatus.

### **BACKGROUND OF THE INVENTION**

Among the sandwiches made by putting meat in a bun, hotdog is a common favorite fast food to most people, particularly children. In addition, hotdog stands are  
10 available everywhere such as a shopping mall, a park, a cinema, or even on the road. It makes hotdogs a very common available fast food. However, the general household cooking apparatus is insufficient to make good hotdogs. To make it convenient, a pan or an oven is used to  
15 heat the hotdog directly, but the required heat and the heating method of the hotdog, the bun, and the meat are different. Therefore, heating these items directly by a pan cannot give a good result, since the temperature of the heat is not even and thus the hotdog or the bun may get burned. If several  
20 cooking apparatuses are used for cooking and warming, the user may act with confusion. If these items are cooked at different time, it will have the issue of keeping the cooked food warm. The traditional way of cooking hotdogs demands further studies for an improvement.

### **SUMMARY OF THE INVENTION**

  
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In view of the shortcomings of the conventional holders, the inventor of this invention based on years of experience on the production and design of household kitchen wares to conduct researches and experiments to overcome the foregoing  
5 shortcomings and look for an improved method, and finally invented the household sectional oven and warmer cooking apparatus in accordance with the present invention.

The primary objective of the present invention is to provide a household sectional oven and warmer cooking apparatus, which  
10 comprises an electric heating device therein for controlling the heating temperature and time of an oven by a switch control, an opening disposed at the top of the oven, a meat grilling pan having a larger depth and mounted around the periphery of the opening, a hotdog broiler disposed above the meat grilling pan  
15 and comprising a plurality of parallel cylinders at an appropriate distance apart from each other, a bread tray with a smaller depth disposed above the hotdog broiler and having a plurality of through holes disposed at the bottom of the bread tray, and a lid for covering the whole oven and warmer  
20 apparatus and keeping it warm. With a quick, convenient, and flexible installation of a meat grilling pan, a hotdog broiler, and a bread tray onto the oven, the electric heating device and each cooking food item are kept in an appropriate distance with partitions to avoid the food from being burned and  
25 achieve the purpose of heating and warming the food

appropriately.

The secondary objective of the present invention is to provide a household sectional oven and warmer cooking apparatus, which comprises an oven with an electric heating device, a meat grilling pan disposed above the oven, a hotdog broiler disposed above the meat grilling pan, a bread tray disposed above the hotdog broiler, and the overall structure is simple, low-cost, and easy-to-clean, which constitutes an economic convenient household cooking apparatus.

10 **BRIEF DESCRIPTION OF THE DRAWINGS**

FIG. 1 is a perspective view of the oven and warmer apparatus according to a first preferred embodiment of the present invention.

FIG. 2 is an exploded view of the oven and warmer apparatus according to a first preferred embodiment of the present invention.

15 FIG. 3 is a perspective view of the oven and warmer apparatus according to a second preferred embodiment of the present invention.

FIG. 4 is a perspective view of the oven and warmer apparatus according to a third preferred embodiment of the present invention.

20 **DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS**

To make it easier for our examiner to understand the objective of the invention, its structure, innovative features, and performance, we use a preferred embodiment together  
25 with the attached drawings for the detailed description of the

invention.

Please refer to the figures for the present invention. The present invention comprises an oven 1, a meat grilling pan 2, a hotdog broiler 3, a bread tray 4, and a lid 5; wherein the oven  
5 1 comprises an electric heating device therein for controlling the heating temperature and time of the oven by a switch control 10, an opening disposed at the top of the oven 1, a meat grilling pan 2 having a larger depth and mounted around the periphery of the opening, a hotdog broiler 3 disposed  
10 above the meat grilling pan 2 and comprising a plurality of parallel cylinders 30 at an appropriate distance apart from each other, a bread tray 4 with a smaller depth disposed above the hotdog broiler 3 and having a plurality of through holes 40 disposed at the bottom of the bread tray 4, and a lid 5 for  
15 covering the whole oven and warmer apparatus and keeping it warm.

In the practical use of the cooking apparatus of the present invention, users can flexibly install the meat grilling pan 2, the hotdog broiler 3, and the bread tray 4 onto the oven 1  
20 according to the type of their desired food items to cope with the different required heat and heating methods. Meat is put into the meat grilling pan 2 closest to the electric heating device for its grilling, and hotdog is put into the hotdog broiler disposed at an appropriate distance from the meat grilling pan  
25 2 for its broiling, and buns are put in the bread tray farthest

away from the electric heating device for its heating, such that the electric heating device and each cooking food item are kept in appropriate distances and partitions to meet the different requirements for the required heat energy and heating method and avoid the food from being burned. A switch 10 adjusts and controls the heating temperature and time, so that different food items can be put into the cooking apparatus at the same time for heating and warming. The user no longer has the problems of acting with confusions or keeping different items warm at the same time. Further, the bread tray 4 can be used as a regular tray when it is removed from the oven 1. The overall structure is simple, and the manufacturing cost is low, and each module can be removed from the oven 1 for cleaning, which constitutes an economic convenient household cooking apparatus.

In summation of the above description, the present invention enhances the performance of the conventional structure by cooking different food items in the same cooking apparatus at the same time to avoid the food from getting burned or becoming cold and providing a simple overall structure, a low cost for its manufacture, and a simple way for its cleaning, and further complies with the patent application requirements. The present invention is thus submitted to the Patent and Trademark Office for review and granting of the commensurate patent rights.

While the invention has been described by way of example and in terms of a preferred embodiment, it is to be understood that the invention is not limited thereto. To the contrary, it is intended to cover various modifications and similar  
5 arrangements and procedures, and the scope of the appended claims therefore should be accorded the broadest interpretation so as to encompass all such modifications and similar arrangements and procedures.